

QP CODE: 114330

Reg. No:.....

First Semester M.Pharm Degree Supplementary Examinations July 2023

M.Pharm (Pharmacognosy)

**Paper IV - Industrial Pharmacognostical Technology (MPG 104T)
(Common for 2017 and 2019 Scheme)**

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Explain the infrastructure of herbal drug industry involved in the production of standardized extracts
2. Describe the Indian and International patent laws for herbal drugs and natural products
3. Explain in detail about Trade Related Intellectual Property Right (TRIPS) and Total Quality Management (TQM)

Short Notes

(9x5=45)

4. Entrepreneurship development
5. Good Manufacturing Practices (GMP) for quality of herbals
6. Describe the monographic content in Ayurvedic Pharmacopoeia
7. Stability testing of herbal products
8. Discuss in detail patent processing applicable to herbal products
9. Discuss about the formulation and product management of herbals
10. Explain the EXIM policy for herbal products
11. Name the different monographs for herbals and discuss about the general parameters discussed
12. Clinical laboratory testing of herbal products
